ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಂಖ್ಯೆ:ಬ್ಯ.ಬೆಂ.ಮ.ಪಾ/ಕಾ.ಪಾ..ಅ/ಯ.ವ/ಆ.ಅ/45 /2017–18

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರ ಕಛೇರಿ
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು–92
ದಿನಾಂಕ: 27/11/2017

ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ

ವಿಷಯ: **PACKAGE NO-3, Includes 3 works of Rs. 100.00 Lakhs.**

1. Improvements to Road and Drains at Fathima layout Cross roads in ward no. 06 Byatarayanapura Sub Division. **JOB NO: 006-18-000032.**
2. Providing Cement Concrete Road and Drain at Saraipalya, Vidyasagara Cross roads in ward no. 06 Byatarayanapura Sub Division. **JOB NO: 006-18-000034.**
3. Asphalting to Roads and Improvements to to Drains at Ashwathnagara Cross Roads in ward no. 06 Byatarayanapura Sub Division. **JOB NO: 006-18-000041.**

ಉಲ್ಲೇಖ: ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿ ರವರ ಕಛೇರಿ ಕಾಮಗಾರಿ ಸಂಕೇತ: **006-18-000032, 006-18-000034, 006-18-000041.**

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ), ಯಲಹಂಕ ವಲಯ ರವರು **"P3316 Special Development works at ward No.82, 6, 16, 44, 70, 17, 26, 13, 79, 35 Rs.8.00 Cr each"** ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆಯಡಿಯಲ್ಲಿ 03 ಕಾಮಗಾರಿಗಳನ್ನೊಳಗೊಂಡ ಮೇಲ್ಕಂಡ **PACKAGE NO. 06, Includes 3 works of Rs. 100.00 Lakhs** ಕಾಮಗಾರಿಯ ರೂ 100.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗಳನ್ನು 2016–17ನೇ ಸಾಲಿನ ಕೆ.ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ. ದರಪಟ್ಟಿಯಂತೆ ತಯಾರಿಸಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಗಾಗಿ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಮಾನ್ಯ ಆಯುಕ್ತರು, ಬೃ.ಬೆಂ.ಮ.ಪಾ. ರವರು ಅಧಿಕಾರ ಪ್ರತ್ಯಾಯೋಜಿಸಿ ಹೊರಡಿಸಿರುವ ಆದೇಶ ಸಂಖ್ಯೆ: ಬಿ12(1)ಪಿ.ಆರ್/394/2011–12, ದಿನಾಂಕ: 02–09–2015 ರಲ್ಲಿ ನೀಡಿರುವ ಅಧಿಕಾರದನ್ವಯ ಸದರಿ ಕಾಮಗಾರಿಗೆ ಕೆಳಗಿನ ಷರತ್ತುಗಳನ್ವಯ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿದೆ ಹಾಗೂ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಪುಸ್ತಕ ಕ್ರ.ಸಂ 45 ರಲ್ಲಿ ಈ ಕೆಳಗಿನ ಷರತ್ತುಗಳಂತೆ ದಾಖಲಿಸಲಾಗಿದೆ.

ಷರತ್ತುಗಳು:

1. ರಸ್ತೆ ಇತಿಹಾಸ ಪುಸ್ತಕದಲ್ಲಿ (Road History book/Register) ಈ ಕೆಲಸದ ವಿವರಗಳನ್ನು ದಾಖಲಿಸಿ ಕ್ರಮಬದ್ಧಗೊಳಿಸುವುದು.
2. ಕೆಲಸದ ಸ್ಥಳದಿಂದ ಸಾಗಣೆ ದೂರಕ್ಕೆ ಅನುಮೋದನೆ ಪಡೆಯುವುದು.
3. ಆರ್.ಸಿ.ಸಿ ಡೆಕ್‌ಸ್ಲಾಬ್, ಹರಿನೀರು ಮೋರಿಯ ಆಸರೆಗೋಡೆ ಮತ್ತು ಸೇತುವೆ ಕೆಲಸಗಳ ನಿರ್ವಹಣೆಗೆ ಮೊದಲು ವಿನ್ಯಾಸಕ್ಕೆ ಅನುಮೋದನೆ ಪಡೆಯುವುದು.
4. ಮೇಲಿನ ಕೆಲಸದ ವೆಚ್ಚವನ್ನು ಉಪ ಅನುದಾನದಡಿಯಲ್ಲಿ ಭರಿಸುವುದು.

27/11

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು–92

ಪ್ರತಿಯನ್ನು:

1. ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ವಲಯ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರ ಮಾಹಿತಿಗಾಗಿ.
2. ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರಿಗೆ, ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ.
3. ಸಹಾಯಕ ಹಣಕಾಸು ನಿಯಂತ್ರಕರು, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರ ಮಾಹಿತಿಗಾಗಿ.
4. ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಂಖ್ಯೆ:ಬೃ.ಬೆಂ.ಮ.ಪಾ/ಮು.ಅ/ಯ.ಪ/ ತಾಂ.ದು/ 394, 396, 402 /2017-18

ಮುಖ್ಯ ಅಭಿಯಂತರರು ಯಲಹಂಕ ವಲಯ,ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು -92

ದಿನಾಂಕ: 28.11.2017

ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ

ವಿಷಯ: **PACKAGE NO-3, Includes 3 works of Rs. 100.00 Lakhs.**

1. Improvements to Road and Drains at Fathima layout Cross roads in ward no. 06 Byatarayanapura Sub Division. JOB NO: 006-18-000032.
2. Providing Cement Concrete Road and Drain at Saraipalya, Vidyasagara Cross roads in ward no. 06 Byatarayanapura Sub Division. JOB NO: 006-18-000034.
3. Asphalting to Roads and Improvements to to Drains at Ashwathnagara Cross Roads in ward no. 06 Byatarayanapura Sub Division. JOB NO: 006-18-000041.

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ), ಯಲಹಂಕ ವಲಯ ರವರು **"P3316 Special Development works at ward No.82, 6, 16, 44, 70, 17, 26, 13, 79, 35 Rs.8.00 Cr each"** ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆಯಡಿಯಲ್ಲಿ 03 ಕಾಮಗಾರಿಗಳನ್ನೊಳಗೊಂಡ ಮೇಲ್ಕಂಡ **PACKAGE NO-3, Includes 3 works of Rs. 100.00 Lakhs** ಕಾಮಗಾರಿಯ ರೂ 100.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗಳನ್ನು 2016-17ನೇ ಸಾಲಿನ ಕೆ.ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ. ದರಪಟ್ಟಿಯಂತೆ ತಯಾರಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಗಾಗಿ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಮಾನ್ಯ ಆಯುಕ್ತರು, ಬೃಬೆಂಮಪಾ. ರವರು ಅಧಿಕಾರ ಪ್ರತ್ಯಾಯೋಜಿಸಿ ಹೊರಡಿಸಿರುವ ಆದೇಶ ಸಂಖ್ಯೆ: ಬಿ12(1)ಪಿ.ಆರ್/394/2011-12, ದಿನಾಂಕ: 02-09-2015 ರಲ್ಲಿ ನೀಡಿರುವ ಅಧಿಕಾರದನ್ವಯ ಸದರಿ ಕಾಮಗಾರಿಗೆ ಕೆಳಗಿನ ಷರತ್ತುಗಳನ್ವಯ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಲಾಗಿದೆ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಪುಸ್ತಕ ಪುಟ ಸಂಖ್ಯೆ ____ ಕ್ರ.ಸಂ 394, 396, 402 ರಲ್ಲಿ ಈ ಕೆಳಗಿನ ಷರತ್ತುಗಳಂತೆ ದಾಖಲಿಸಲಾಗಿದೆ.

ಷರತ್ತುಗಳು:

1. ರಸ್ತೆ ಇತಿಹಾಸ ಪುಸ್ತಕದಲ್ಲಿ (Road History book/Register) ಈ ಕೆಲಸದ ವಿವರಗಳನ್ನು ದಾಖಲಿಸಿ ಕ್ರಮಬದ್ಧಗೊಳಿಸುವುದು.
2. ಕೆಲಸದ ಸ್ಥಳದಿಂದ ಸಾಗಣೆ ದೂರಕ್ಕೆ ಅನುಮೋದನೆ ಪಡೆಯುವುದು.
3. ಆರ್.ಸಿ.ಸಿ ರೆಕ್ಟಾಂಗ್ಯುಲರ್, ಹರಿವಿನ ಮೋರಿಯ ಆಸರೆಗೋಡೆ ಮತ್ತು ಸೇತುವೆ ಕೆಲಸಗಳ ನಿರ್ವಹಣೆಗೆ ಮೊದಲು ವಿನ್ಯಾಸಕ್ಕೆ ಅನುಮೋದನೆ ಪಡೆಯುವುದು.
4. ಮೇಲಿನ ಕೆಲಸದ ವೆಚ್ಚವನ್ನು ಉಪ ಅಮದಾವಣಿಯಲ್ಲಿ ಭರಿಸುವುದು.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-92
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಪ್ರತಿಯನ್ನು:

1. ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರ ಮಾಹಿತಿಗಾಗಿ.
2. ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರಿಗೆ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ.
3. ಸಹಾಯಕ ಆಡಳಿತ ನಿಯಂತ್ರಕರು, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರ ಮಾಹಿತಿಗಾಗಿ.
4. ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರ ಮಾಹಿತಿಗಾಗಿ.

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BRUHATH BANGALORE MAHANAGARA PALIKE

Bytarayanapura Division

Name of Work (as per sanctioned estimate): Package 3, includes 3 works of 100.00 Lakhs

1	Improvements to Road and Drains at Ashwath nagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division
2	Improvements to Road and Drains at Fathima Layout cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division
3	Improvements to Road and Drains at Saraipalya Vidyasagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :1st & Part Bill

Item No	Description of Item of Work	Unit	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P.No.5,	cum			
			130.00		
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		**130.00**	**200.34**	**26,044.20**
	Total				
2	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.(P.No.4, I.No.2.11 of PW, P&IWTD SR 2016-17)	cum			
			97.50		
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		**97.50**	**80.56**	**7,854.60**
	Total				
3	Providing and fixing PVC pipes 10.00 kg/sq.cm 200mm outer dia.(Sl No. 3006 material component PWTD SR 2016-17)	L			
			325.00		
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		**325.00**	**1802.00**	**5,85,650.00**
	Total				
4	Gate valve 25mm nominal bore-gun metal (Sl No. 161 material component PWTD SR 2016-17)	No's			
			7.00		
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		**7.00**	**487.60**	**3,413.20**
	Total				
5	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)	Cum			
			144.81		
a	Ashwathnagar		176.16		
b	Fathima Layout		523.65		
c	Saraipalya Vidyasagar		**844.62**	**186.92**	**1,57,876.37**
	Total				
6	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	Sqm			
			443.48		
a	Ashwathnagar		0.00		
b	Fathima Layout		145.80		
c	Saraipalya Vidyasagar		**589.28**	**80.56**	**47,472.40**
	Total				

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Item No	Description of Item of Work	Unit	Qty	Rate	Amount
7	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete.(P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		49.28		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		272.70		
	Total		**321.98**	**665.68**	**2,14,335.65**
8	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2016-17)	cum			
a	Ashwathnagar		1.17		
b	Fathima Layout		40.80		
c	Saraipalya Vidyasagar		66.60		
	Total		**108.57**	**5348.76**	**5,80,714.87**
9	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P.No.15 /I.No. 4.28 of CSR 2016-17)	Sqm			
a	Ashwathnagar		3.00		
b	Fathima Layout		98.40		
c	Saraipalya Vidyasagar		144.00		
	Total		**245.40**	**244.86**	**60,088.64**
10	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.15 /I.No. 4.31 of CSR 2016-17)	Sqm			
a	Ashwathnagar		14.40		
b	Fathima Layout		675.20		
c	Saraipalya Vidyasagar		1152.00		
	Total		**1841.60**	**310.58**	**5,71,964.13**
11	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams (P.No.18 /I.No. 4.48 of CSR 2016-17)	cum			
a	Ashwathnagar		4.35		
b	Fathima Layout		85.44		
c	Saraipalya Vidyasagar		136.80		
	Total		**226.59**	**6231.74**	**14,12,049.97**
12	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (P.No.17 /I.No. 4.46.2 of CSR 2016-17)	Tonne			
a	Ashwathnagar		0.35		
b	Fathima Layout		4.65		
c	Saraipalya Vidyasagar		6.84		
	Total		**11.84**	**79475.96**	**9,40,995.37**
13	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm			

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Item No	Description of Item of Work	Unit	Qty	Rate	Amount
a	Ashwathnagar		9.00		
b	Fathima Layout		57.60		
c	Saraipalya Vidyasagar		9.00		
	Total		75.60	5317.00	4,01,965.20
14	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143 /I.No. 19.14 of CSR 2016-17)	cum			
a	Ashwathnagar		433.63		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		232.17		
	Total		665.80	148.76	99,044.41
15	M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)	cum			
a	Ashwathnagar		477.50		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		264.05		
	Total		741.55	1768.08	13,11,119.72
16	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		1910.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		1204.00		
	Total		3114.00	29.68	92,423.52
17	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		583.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		911.00		
	Total		1494.00	3.18	4,750.92
18	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)	Sqm			
a	Ashwathnagar		2527.50		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		2080.50		
	Total		4608.00	12.72	58,613.76

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Item No	Description of Item of Work	Unit	Qty	Rate	Amount
19	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)	cum			
a	Ashwathnagar		101.10		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		73.72		
	Total		**174.82**	**8013.60**	**14,00,937.55**
20	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		86.40		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		87.00		
	Total		**173.40**	**542.72**	**94,107.65**
21	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 .(P.No.23, I.No.5.6 of PW,P&IWTD SR 2016-17)	cum			
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		5.76		
	Total		**5.76**	**4786.62**	**27,570.93**
22	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. .(P.No.113, I.No.15.1 of PW,P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		9.60		
	Total		**9.60**	**102.82**	**987.07**
23	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	cum			
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		0.72		
	Total		**0.72**	**5767.46**	**4,152.57**
24	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - 300mm dia. (P.No.253, I.No.34.7.3 of PWD SR 2016-17)	L			
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		30.00		

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	Description of Item of Work	Unit	Qty	Rate	Amount
	Total		**30.00**	**1174.48**	**35,234.40**
25	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm			
a	Ashwathnagar		0.00		
b	Fathima Layout		0.00		
c	Saraipalya Vidyasagar		168.00		
	Total		**168.00**	**1817.00**	**3,05,256.00**
26	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202	cum			
a	Ashwathnagar		0.00		
b	Fathima Layout		5.76		
c	Saraipalya Vidyasagar		0.00		
	Total		**5.76**	**465.70**	**2,682.43**
27	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed 2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) ((P.No.177, I.No.22.6.1 of PW,P&IWTD SR 2016-17)	cum			
a	Ashwathnagar		0.00		
b	Fathima Layout		81.15		
c	Saraipalya Vidyasagar		0.00		
	Total		**81.15**	**6217.96**	**5,04,587.45**

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		Unit	Qty	Rate	Amount
	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)	Sqm			
a	Ashwathnagar		0.00		
b	Fathima Layout		811.50		
c	Saraipalya Vidyasagar		0.00		
	Total		811.50	95.40	77,417.10
	Construction Cost				90,29,310.08
	Cost towards PMC / Third Party inspection LS				90,293.10
	Tender Premium 9%				8,12,637.91
	Sub Total				99,32,241.09
	Miscellaneous and rounding off LS				67,758.91
	Grand Total of the Package				1,00,00,000.00

Total Cost of Package (In Words) : Rupees One Crore Only

Certificate:

1 The rates adopted based on the PWD, SR, Bangalore circle for year 2016-17.

2 The Provisions made in the estimates are necessary and essential.

3 The workspot was inspected and work is found to be necessary.

4 the area comes with in the Bruhath Bangalore Mahanagara Palike limits.

For Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

ADMINISTRATIVE APPROVAL

Accorded For Rs. 100.00 Lakhs

Head of A/c. P-3316

Div. Ref No. EE/BTP/1173/17-7 Date. 27/11/17

AE 27/11

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